**Code:**

**activity\_main.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.coordinatorlayout.widget.CoordinatorLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
  
 <FrameLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/frame\_layout"/>  
  
 <com.google.android.material.bottomappbar.BottomAppBar  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bottomAppBar"  
 android:layout\_gravity="bottom"  
 android:background="@color/white"  
 app:fabCradleMargin="10dp"  
 app:fabCradleRoundedCornerRadius="50dp">  
  
 <com.google.android.material.bottomnavigation.BottomNavigationView  
 app:menu="@menu/bottom\_menu"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bottomNavigationView"  
 android:layout\_marginEnd="20dp"  
 app:labelVisibilityMode="labeled"  
 android:background="@android:color/transparent" />  
  
 </com.google.android.material.bottomappbar.BottomAppBar>  
  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Next"  
 android:textSize="30dp"  
 android:layout\_marginTop="380dp"  
 android:layout\_marginLeft="120dp"  
 android:textStyle="bold"  
 android:id="@+id/next"  
 android:backgroundTint="@color/black"/>  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

**MainActivity.java**

package com.example.loginsignup;  
  
import static com.example.loginsignup.R.id;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.fragment.app.Fragment;  
import androidx.fragment.app.FragmentManager;  
import androidx.fragment.app.FragmentTransaction;  
  
import com.example.loginsignup.databinding.ActivityMainBinding;  
  
public class MainActivity extends AppCompatActivity {  
  
 ActivityMainBinding binding;  
 Button nextButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
  
 super.onCreate(savedInstanceState);  
 binding = ActivityMainBinding.*inflate*(getLayoutInflater());  
 setContentView(binding.getRoot());  
 replaceFragment(new home());  
 binding.bottomNavigationView.setBackground(null);  
 binding.bottomNavigationView.setOnItemSelectedListener(item -> {  
 int id = item.getItemId();  
 if(id==R.id.*home*) {  
 replaceFragment(new home());  
 }  
 else if(id == R.id.*settings*){  
 replaceFragment(new settings());  
 }  
 else if(id == R.id.*profile*){  
 replaceFragment(new profile());  
 }  
 else if(id == R.id.*about*){  
 replaceFragment(new library());  
 }  
 return true;  
 });  
 nextButton = findViewById(id.*next*);  
 nextButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(MainActivity.this,navigation\_drawer.class));  
 }  
 });  
  
 }  
 private void replaceFragment(Fragment fragment){  
 FragmentManager fragmentManager = getSupportFragmentManager();  
 FragmentTransaction fragmentTransaction = fragmentManager.beginTransaction();  
 fragmentTransaction.replace(R.id.*frame\_layout*,fragment);  
 fragmentTransaction.commit();  
 }  
  
  
}

**activity\_login.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:padding="15dp"  
 android:orientation="vertical"  
 tools:context=".login">  
  
 <TextView  
 android:textSize="30sp"  
 android:textStyle="bold"  
 android:gravity="center"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="25dp"  
 android:text="@string/login" />  
  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <com.google.android.material.textfield.TextInputEditText  
 android:id="@+id/fullName"  
 android:hint="Name"  
 android:inputType="text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <com.google.android.material.textfield.TextInputEditText  
 android:id="@+id/password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/password"  
 android:inputType="textPassword" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <Button  
 android:id="@+id/btn\_login"  
 android:text="@string/Login"  
 android:textColor="@color/black"  
 android:backgroundTint="#ffff00"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp" />  
  
 <LinearLayout  
  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="50dp">  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Don't have an Account?" />  
  
 <TextView  
 android:id="@+id/signupBtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text=" Sign up"  
 android:textStyle="bold"/>  
  
 </LinearLayout>  
  
</LinearLayout>

**login.java**

package com.example.loginsignup;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import com.google.android.material.textfield.TextInputEditText;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
public class login extends AppCompatActivity {  
  
 DatabaseReference databaseReference = FirebaseDatabase.*getInstance*().getReferenceFromUrl("https://login-signup-75796-default-rtdb.firebaseio.com/");  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_login*);  
  
 final TextInputEditText name =findViewById(R.id.*fullName*);  
 final TextInputEditText password = findViewById(R.id.*password*);  
 final Button loginBtn = findViewById(R.id.*btn\_login*);  
 final TextView registrationBtn = findViewById(R.id.*signupBtn*);  
  
 loginBtn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 final String nameTxt = name.getText().toString();  
 final String PasswordTxt = password.getText().toString();  
  
 if(nameTxt.isEmpty() || PasswordTxt.isEmpty()){  
 Toast.*makeText*(login.this,"Please enter your name and password",Toast.*LENGTH\_SHORT*).show();  
 }  
 else{  
 databaseReference.child("users").addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if(snapshot.hasChild(nameTxt)){  
 final String getPassword = snapshot.child(nameTxt).child("password").getValue(String.class);  
  
 if(getPassword.equals(PasswordTxt)){  
 Toast.*makeText*(login.this,"Successfully Logged in",Toast.*LENGTH\_SHORT*).show();  
  
  
 startActivity(new Intent(login.this,MainActivity.class));  
 finish();  
 }else{  
 Toast.*makeText*(login.this,"Wrong Password",Toast.*LENGTH\_SHORT*).show();  
 }  
 }else {  
 Toast.*makeText*(login.this,"Wrong Name",Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(login.this,"Error"+error.getMessage(),Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
  
 }  
 }  
  
  
 });  
  
 registrationBtn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(login.this,signup.class));  
 }  
 });  
  
  
 }  
}

**activity\_signup.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:padding="15dp"  
 tools:context=".signup">  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Sign In"  
 android:textSize="30sp"  
 android:gravity="center"  
 android:layout\_marginBottom="25dp" />  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/fullName"  
 android:hint="Full Name"  
 android:inputType="text"/>  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/phone"  
 android:hint="Phone"  
 android:inputType="number"/>  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/email"  
 android:hint="Email"  
 android:inputType="textEmailAddress"/>  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/password"  
 android:hint="Enter Password"  
 android:inputType="textPassword"/>  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/conPassword"  
 android:hint="Confirm Password"  
 android:inputType="textPassword"/>  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <Button  
 android:id="@+id/signup"  
 android:text="signup"  
 android:textColor="@color/black"  
 android:backgroundTint="#FFFF00"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"/>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="50dp">  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Already have an Account? " />  
  
 <TextView  
 android:id="@+id/LoginNow"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=" Login Now"  
 android:textStyle="bold"/>  
  
 </LinearLayout>  
  
</LinearLayout>

**signup.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import com.google.android.material.textfield.TextInputEditText;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
public class signup extends AppCompatActivity {  
  
 DatabaseReference databaseReference = FirebaseDatabase.*getInstance*().getReferenceFromUrl("https://login-signup-75796-default-rtdb.firebaseio.com/");  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_signup*);  
  
 final TextInputEditText fullName = findViewById(R.id.*fullName*);  
 final TextInputEditText email = findViewById(R.id.*email*);  
 final TextInputEditText phone = findViewById(R.id.*phone*);  
 final TextInputEditText password = findViewById(R.id.*password*);  
 final TextInputEditText conPassword = findViewById(R.id.*conPassword*);  
  
 final Button signup = findViewById(R.id.*signup*);  
 final TextView loginNow = findViewById(R.id.*LoginNow*);  
  
 signup.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 final String fullNameTxt = fullName.getText().toString();  
 final String emailTxt = email.getText().toString();  
 final String phoneTxt = phone.getText().toString();  
 final String passwordTxt = password.getText().toString();  
 final String conPasswordTxt = conPassword.getText().toString();  
  
 if(fullNameTxt.isEmpty() || emailTxt.isEmpty() || phoneTxt.isEmpty() || passwordTxt.isEmpty() || conPasswordTxt.isEmpty()){  
 Toast.*makeText*(signup.this,"Please fill the fields",Toast.*LENGTH\_SHORT*).show();  
 }  
  
 if(!passwordTxt.equals(conPasswordTxt)){  
 Toast.*makeText*(signup.this,"Passwords are not matching",Toast.*LENGTH\_SHORT*).show();  
 }else {  
 databaseReference.child("users").addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if(snapshot.hasChild(fullNameTxt)){  
 Toast.*makeText*(signup.this,"Name is already registered", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 databaseReference.child("users").child("fullNameTxt").child("fullName").setValue(fullNameTxt);  
 databaseReference.child("users").child("fullNameTxt").child("phoneTxt").setValue(phoneTxt);  
 databaseReference.child("users").child("fullNameTxt").child("emailTxt").setValue(emailTxt);  
 databaseReference.child("users").child("fullNameTxt").child("password").setValue(passwordTxt);  
  
 Toast.*makeText*(signup.this,"User registered successfully ",Toast.*LENGTH\_SHORT*).show();  
  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 }  
 }  
 });  
  
 loginNow.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 finish();  
 }  
 });  
 }  
}

**activity\_bottom\_navigation.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".bottom\_navigation">  
  
 <androidx.coordinatorlayout.widget.CoordinatorLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="120dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent">  
  
 <com.google.android.material.bottomappbar.BottomAppBar  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:backgroundTint="@color/white">  
  
 <com.google.android.material.bottomnavigation.BottomNavigationView  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:layout\_marginEnd="20dp"  
 app:elevation="0dp"  
 android:background="@color/white"/>  
  
 </com.google.android.material.bottomappbar.BottomAppBar>  
  
 </androidx.coordinatorlayout.widget.CoordinatorLayout>  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**bottom\_navigation.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class bottom\_navigation extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_bottom\_navigation*);  
  
 }  
}

**activity\_gallery.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".gallery">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Gallery"  
 android:textSize="50dp"  
 android:textStyle="bold"  
 android:layout\_centerInParent="true"/>  
  
  
</RelativeLayout>

**gallery.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
import androidx.fragment.app.Fragment;  
  
;  
  
public class gallery extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,Bundle savedInstanceState) {  
  
 return inflater.inflate(R.layout.*activity\_gallery*, container, false);  
 }  
}

**activity\_home.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".home">  
  
</FrameLayout>

**home.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
public class home extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* return inflater.inflate(R.layout.*activity\_home*, container, false);  
 }  
}

**activity\_import.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
xmlns:tools="http://schemas.android.com/tools"  
android:layout\_width="match\_parent"  
android:layout\_height="match\_parent"  
tools:context=".navigation\_drawer">  
  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Import"  
 android:textSize="50dp"  
 android:textStyle="bold"  
 android:layout\_centerInParent="true"/>  
  
</RelativeLayout>

**import\_fragment.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
import androidx.fragment.app.Fragment;  
  
public class import\_fragment extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
  
 return inflater.inflate(R.layout.*activity\_import*, container, false);  
 }  
}

**activity\_library.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
xmlns:tools="http://schemas.android.com/tools"  
android:layout\_width="match\_parent"  
android:layout\_height="match\_parent"  
tools:context=".navigation\_drawer">  
  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Import"  
 android:textSize="50dp"  
 android:textStyle="bold"  
 android:layout\_centerInParent="true"/>  
  
</RelativeLayout>

**library.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
import androidx.fragment.app.Fragment;  
public class library extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
  
 return inflater.inflate(R.layout.*activity\_library*, container, false);  
 }  
}

**activity\_navigation\_drawer.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.drawerlayout.widget.DrawerLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/drawer\_layout"  
 android:fitsSystemWindows="true"  
 tools:openDrawer="start"  
 tools:context=".navigation\_drawer">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
 <androidx.appcompat.widget.Toolbar  
 android:layout\_width="match\_parent"  
 android:layout\_height="56dp"  
 android:id="@+id/toolbar"  
 android:elevation="4dp"  
 android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar"  
 android:popupTheme="@style/ThemeOverlay.AppCompat.Light"/>  
  
 <FrameLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/fragment\_container"/>  
  
 </LinearLayout>  
  
 <com.google.android.material.navigation.NavigationView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:id="@+id/nav\_view"  
 android:layout\_gravity="start"  
 app:headerLayout="@layout/nav\_header"  
 app:menu="@menu/nav\_menu">  
  
 </com.google.android.material.navigation.NavigationView>  
  
</androidx.drawerlayout.widget.DrawerLayout>

**navigation\_drawer.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import android.view.MenuItem;  
import android.widget.Toast;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.ActionBarDrawerToggle;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import androidx.core.view.GravityCompat;  
import androidx.drawerlayout.widget.DrawerLayout;  
  
import com.google.android.material.navigation.NavigationView;  
  
public class navigation\_drawer extends AppCompatActivity implements NavigationView.OnNavigationItemSelectedListener{  
  
 private DrawerLayout drawerLayout;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_navigation\_drawer*);  
  
 Toolbar toolbar = findViewById(R.id.*toolbar*);  
 setSupportActionBar(toolbar);  
  
 drawerLayout = findViewById(R.id.*drawer\_layout*);  
 NavigationView navigationView = findViewById(R.id.*nav\_view*);  
 navigationView.setNavigationItemSelectedListener(this);  
  
 ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(this,drawerLayout,toolbar,R.string.*open\_naw*,R.string.*close\_naw*);  
 drawerLayout.addDrawerListener(toggle);  
 toggle.syncState();  
  
 if(savedInstanceState == null){  
 getSupportFragmentManager().beginTransaction().replace(R.id.*fragment\_container*,new import\_fragment()).commit();  
 navigationView.setCheckedItem(R.id.*nav\_import*);  
 }  
  
 }  
  
 @Override  
 public boolean onNavigationItemSelected(@NonNull MenuItem item) {  
 int id = item.getItemId();  
 if(id == R.id.*nav\_import*){  
 getSupportFragmentManager().beginTransaction().replace(R.id.*fragment\_container*,new import\_fragment()).commit();  
 }  
 else if(id == R.id.*nav\_gallery*){  
 getSupportFragmentManager().beginTransaction().replace(R.id.*fragment\_container*,new gallery()).commit();  
 }  
 else if(id == R.id.*nav\_slideshow*){  
 getSupportFragmentManager().beginTransaction().replace(R.id.*fragment\_container*,new slideshow()).commit();  
 }  
 else if(id == R.id.*nav\_build*){  
 getSupportFragmentManager().beginTransaction().replace(R.id.*fragment\_container*,new tools()).commit();  
 }  
 else if (id == R.id.*logout*){  
 Toast.*makeText*(this, "Logging Out!!!", Toast.*LENGTH\_SHORT*).show();  
 }  
 drawerLayout.closeDrawer(GravityCompat.*START*);  
 return true;  
 }  
 @Override  
 public void onBackPressed() {  
 if(drawerLayout.isDrawerOpen(GravityCompat.*START*)){  
 drawerLayout.closeDrawer(GravityCompat.*START*);  
 }  
 else{  
 super.onBackPressed();  
 }  
 }  
  
}

**activity\_profile.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".profile">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Profile"  
 android:textSize="60dp"  
 android:textAlignment="center"  
 android:layout\_marginTop="300dp"  
 android:textStyle="bold"  
 />  
  
</FrameLayout>

**profile.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
import androidx.fragment.app.Fragment;  
  
public class profile extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
  
 return inflater.inflate(R.layout.*activity\_profile*, container, false);  
 }  
}

**activity\_settings.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".settings">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Settings"  
 android:textSize="60dp"  
 android:textAlignment="center"  
 android:layout\_marginTop="300dp"  
 android:textStyle="bold"  
 />  
  
</FrameLayout>

**settings.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
import androidx.fragment.app.Fragment;  
  
public class settings extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
  
 return inflater.inflate(R.layout.*activity\_settings*, container, false);  
 }  
}

**activity\_slideshow.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".slideshow">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Slideshow"  
 android:textSize="50dp"  
 android:textStyle="bold"  
 android:layout\_centerInParent="true"/>  
  
</RelativeLayout>

**slideshow.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
public class slideshow extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
  
 return inflater.inflate(R.layout.*activity\_slideshow*, container, false);  
 }  
}

**activity\_tools.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".tools">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Tools"  
 android:textSize="50dp"  
 android:textStyle="bold"  
 android:layout\_centerInParent="true"/>  
  
</RelativeLayout>

**tools.java**

package com.example.loginsignup;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
public class tools extends Fragment {  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* return inflater.inflate(R.layout.*activity\_tools*, container, false);  
 }  
}

**nac\_header.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:gravity="bottom"  
 android:padding="16dp"  
 android:theme="@style/ThemeOverlay.AppCompat.Dark">  
  
  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Developed By"  
 android:textColor="@color/black"  
 android:textSize="15dp"  
 android:textStyle="bold"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Vivek"  
 android:textSize="15dp"  
 android:textStyle="bold"  
 android:textColor="@color/red"/>  
  
</LinearLayout>

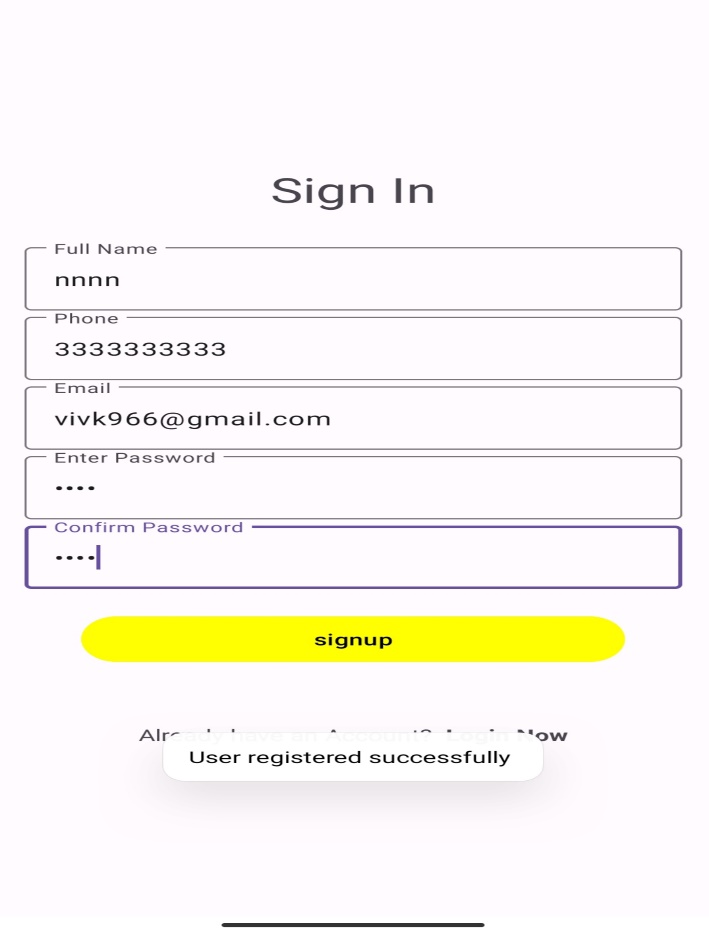
**bottom\_menu.xml**

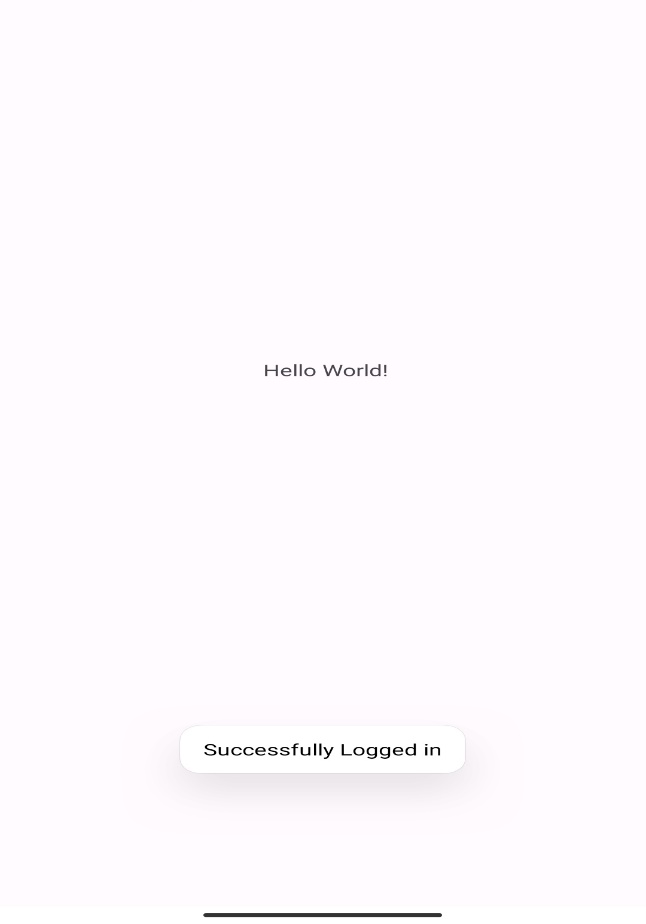
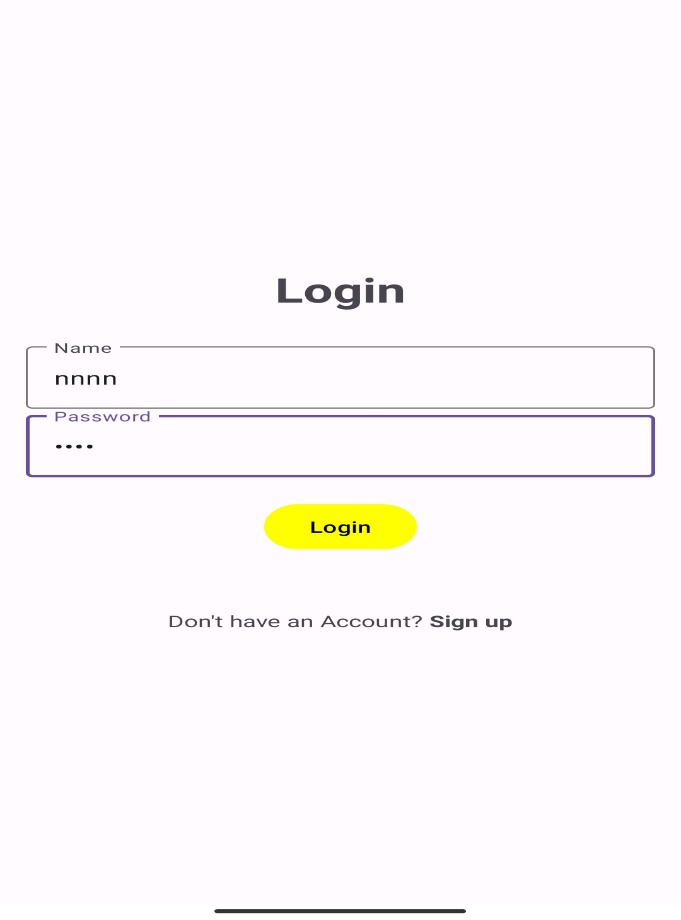
*<?*xml version="1.0" encoding="utf-8"*?>*<menu xmlns:android="http://schemas.android.com/apk/res/android">  
  
 <item  
 android:id="@+id/home"  
 android:title="Home"  
 android:icon="@drawable/baseline\_home\_24"/>  
  
 <item  
 android:id="@+id/settings"  
 android:title="Settings"  
 android:icon="@drawable/android\_settings"/>  
  
 <item  
 android:id="@+id/profile"  
 android:title="Profile"  
 android:icon="@drawable/baseline\_person\_24"/>  
 <item  
 android:id="@+id/about"  
 android:title="About"  
 android:icon="@drawable/about"/>  
   
</menu>

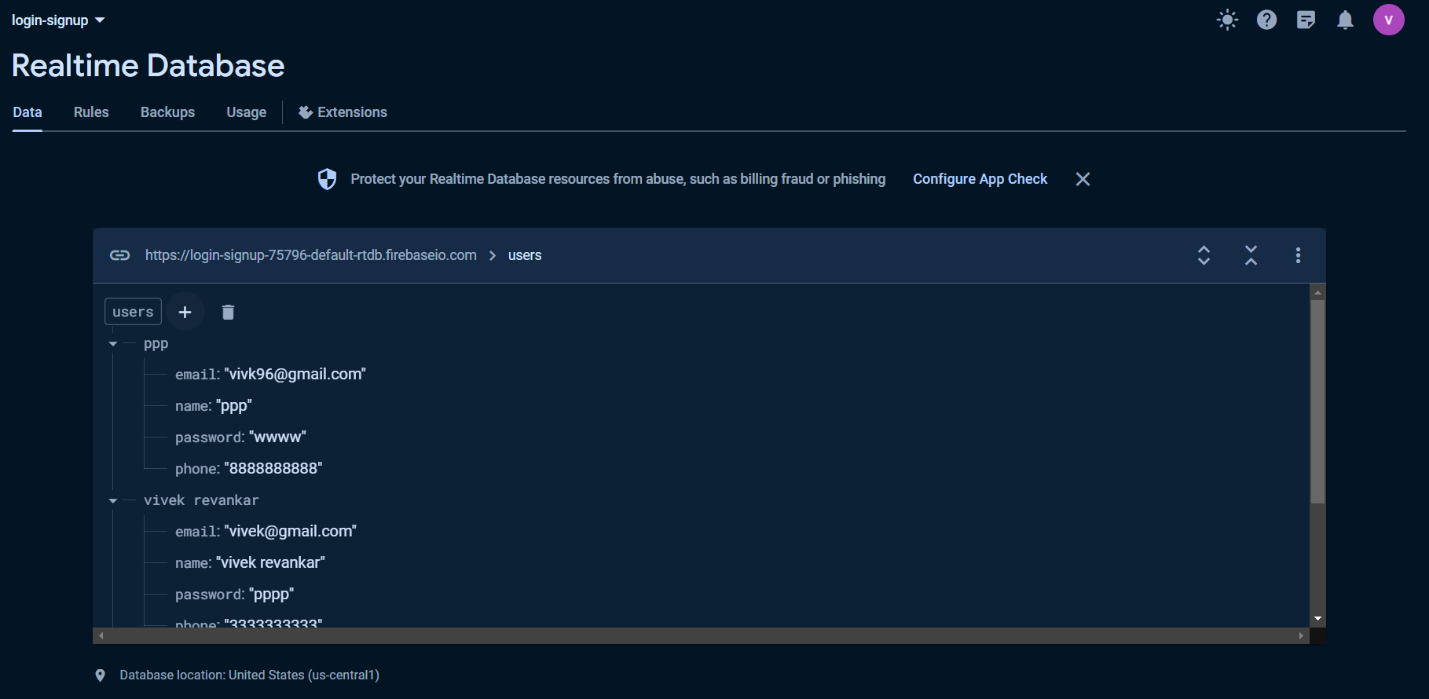
**nav\_menu.xml**

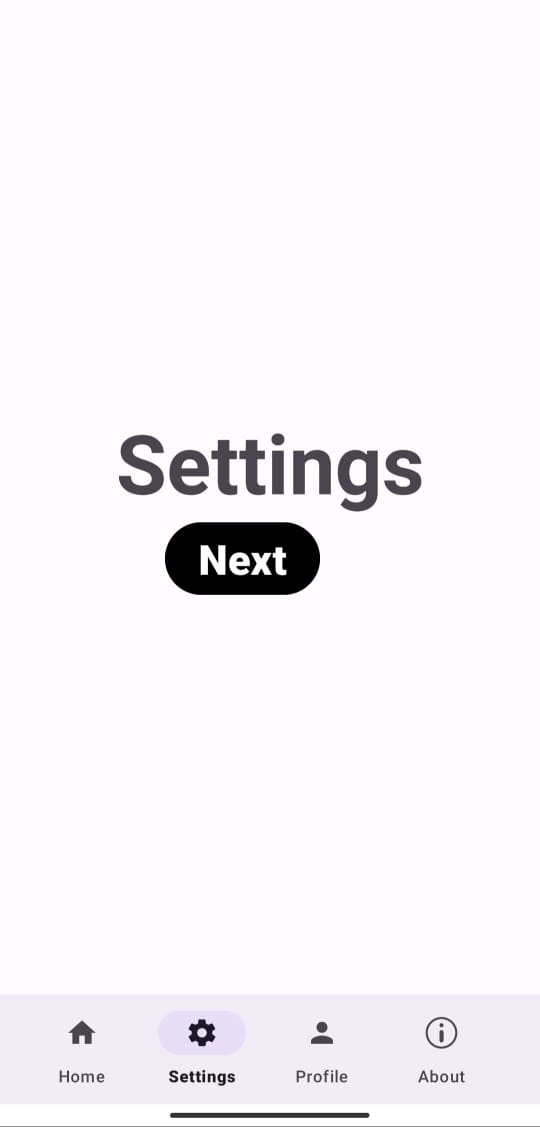
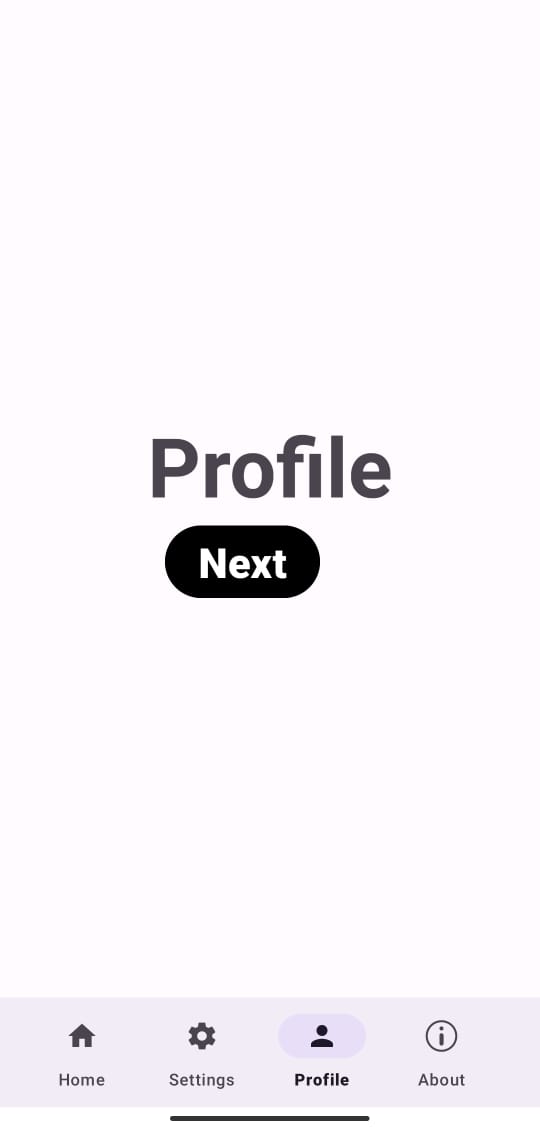
*<?*xml version="1.0" encoding="utf-8"*?>*<menu  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 tools:showIn = "navigation\_view">  
  
 <group  
 android:checkableBehavior="single">  
  
 <item  
 android:id="@+id/nav\_import"  
 android:icon="@drawable/baseline\_photo\_camera\_24"  
 android:title="Import"/>  
  
 <item  
 android:id="@+id/nav\_gallery"  
 android:icon="@drawable/baseline\_photo\_library\_24"  
 android:title="Gallery"/>  
  
 <item  
 android:id="@+id/nav\_slideshow"  
 android:icon="@drawable/baseline\_slideshow\_24"  
 android:title="Slideshow"/>  
  
 <item  
 android:id="@+id/nav\_build"  
 android:icon="@drawable/baseline\_build\_24"  
 android:title="Tools"/>  
 </group>  
  
 <item  
 android:title="">  
  
 <menu>  
 <item  
 android:id="@+id/logout"  
 android:icon="@drawable/baseline\_logout\_24"  
 android:title="Logout"/>  
 </menu>  
  
  
  
 </item>  
  
</menu>

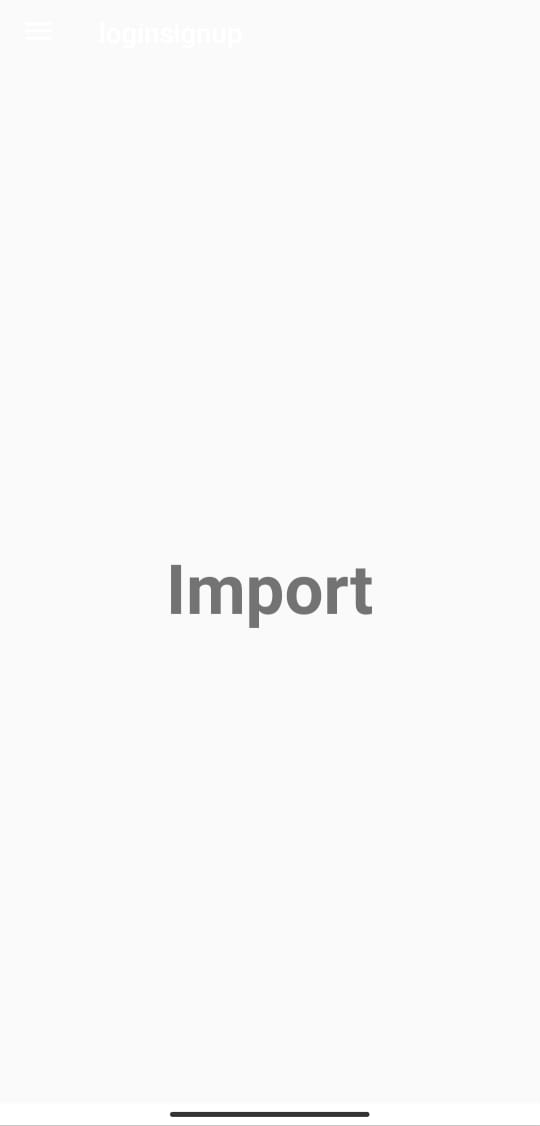
**Output:**

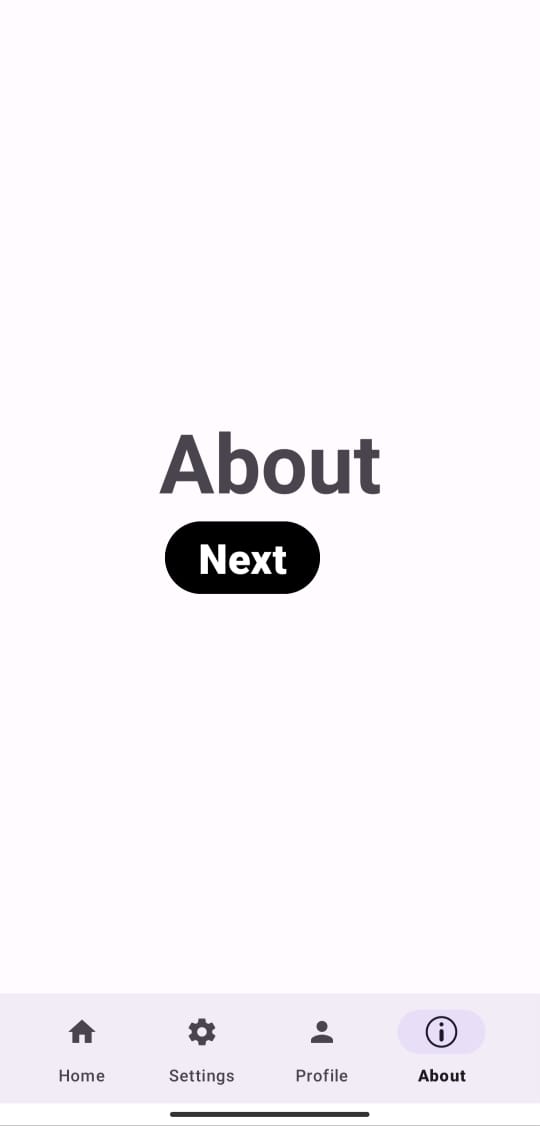
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